

Fig.3

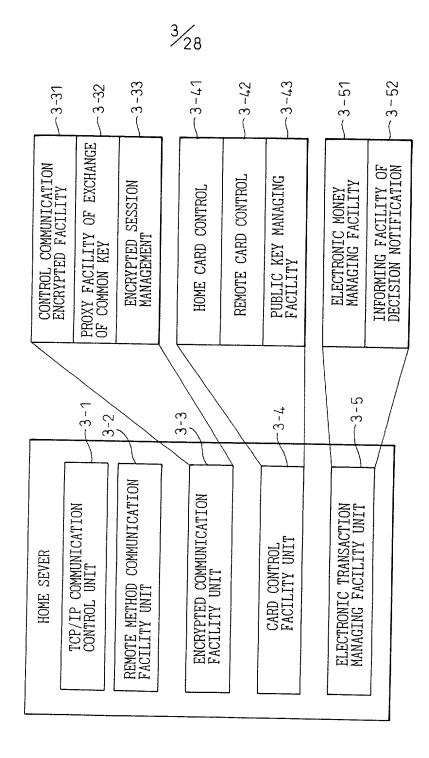
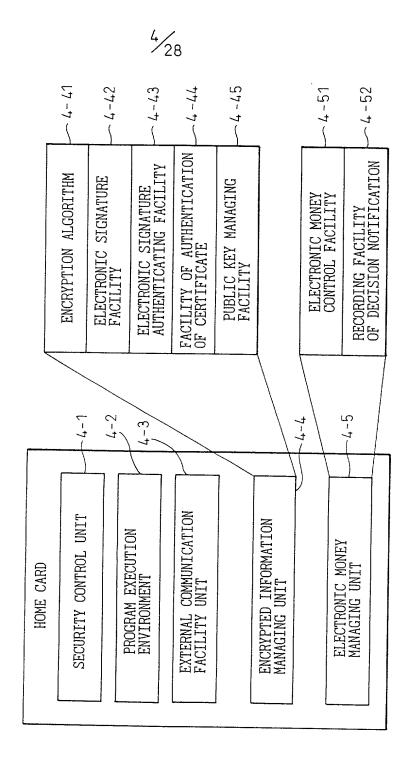
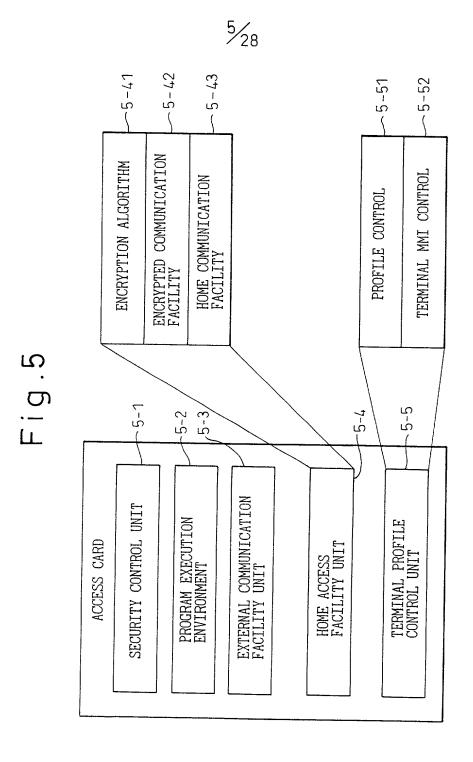
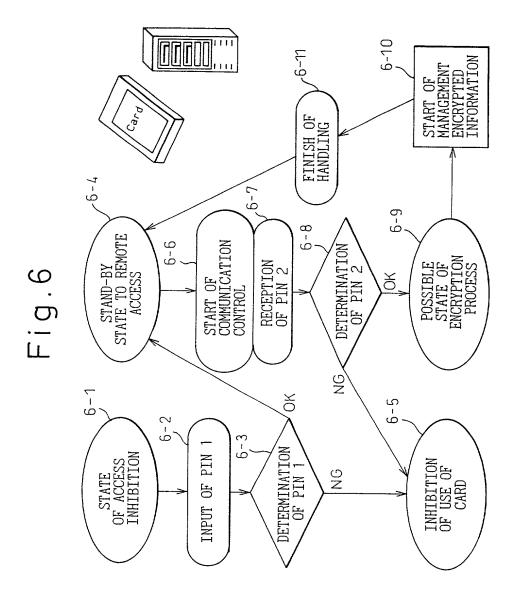


Fig.4







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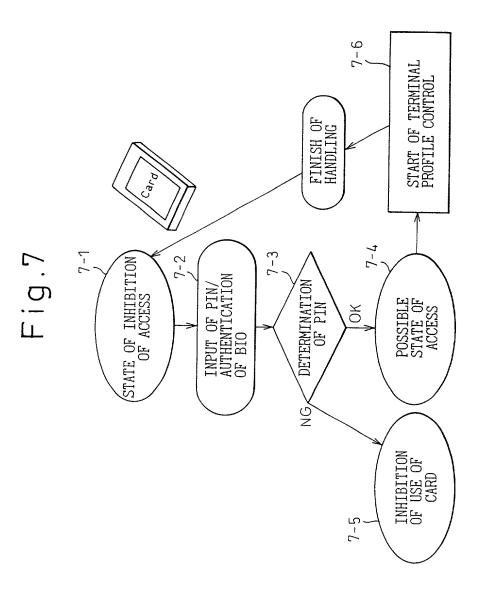
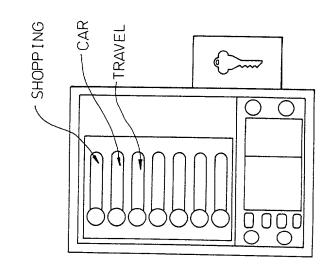
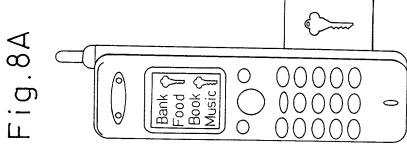
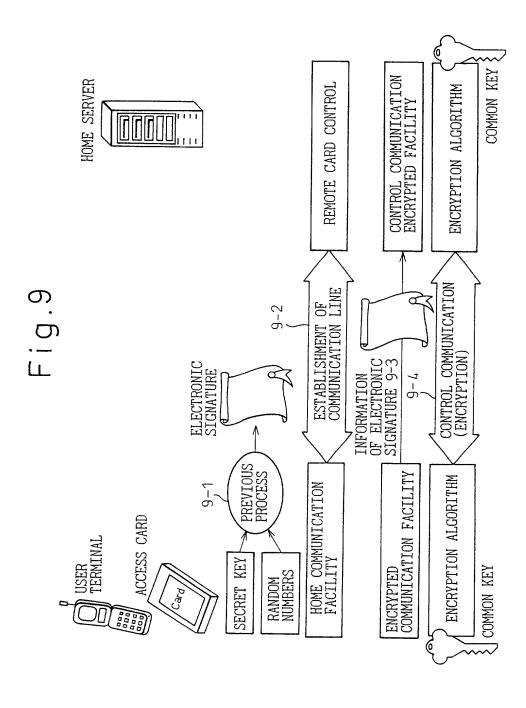


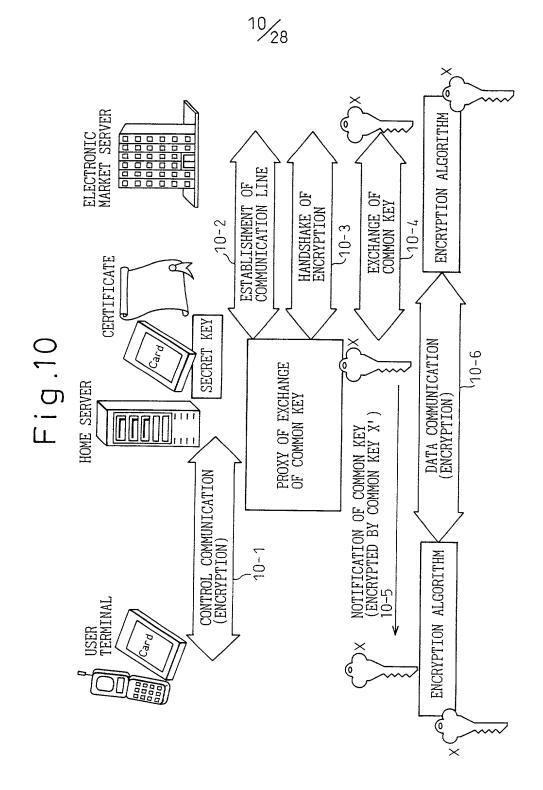
Fig.8B

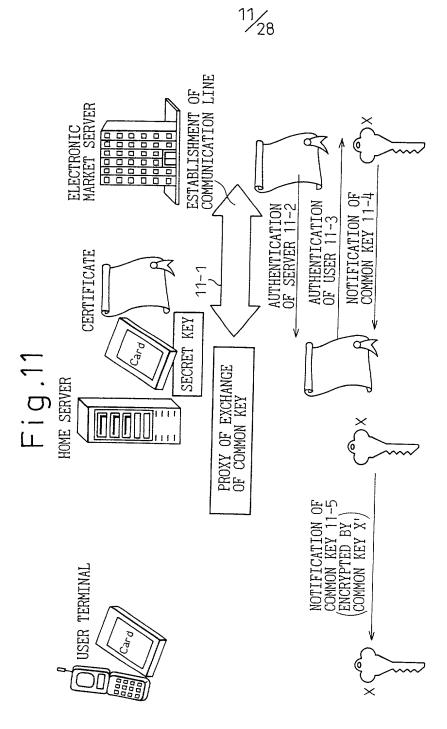


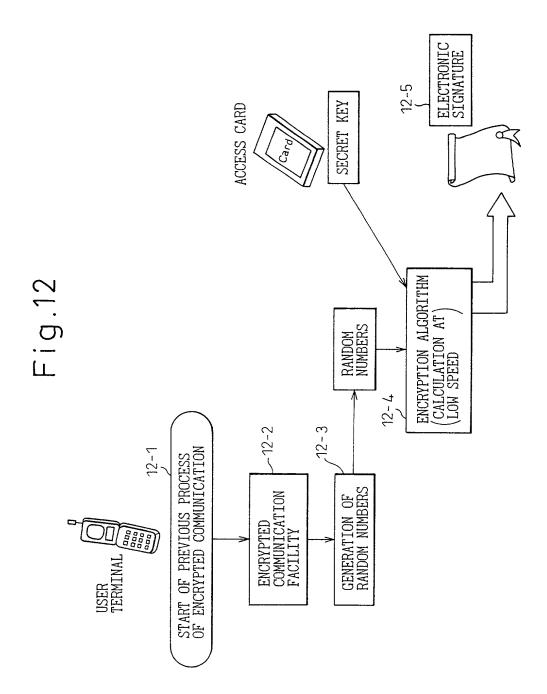




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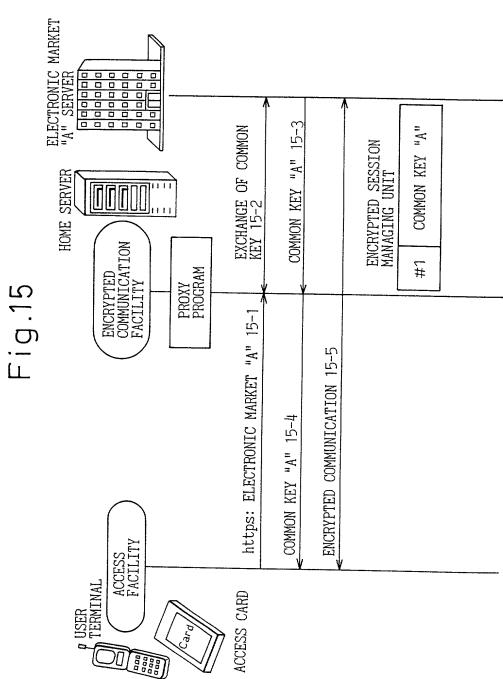






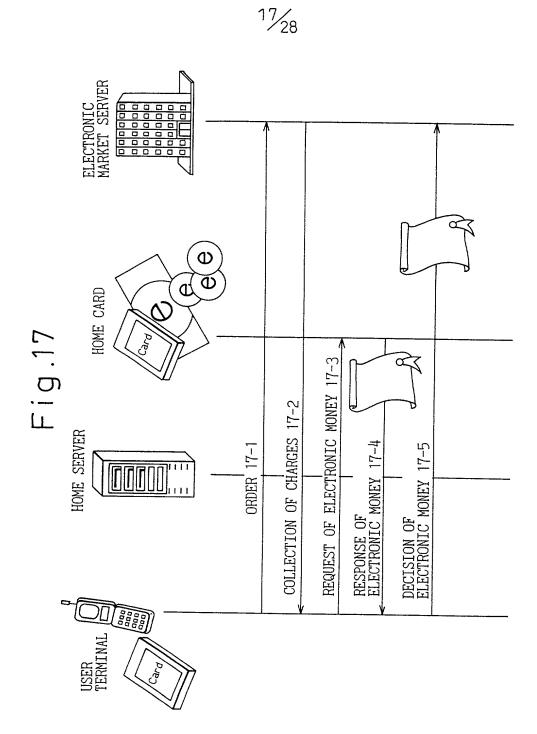
HOME CARD ENCRYPTED INFORMATION START OF CONTROL COMMUNICATION 13-7 PROXY 13-8 HOME SERVER START OF F ENCRYPTED PROGRAM ENCRYPTED COMMUNICATION FACILITY -13-2 Fig.13 START OF ENCRYPTED COMMUNICATION (ELECTRONIC SIGNATURE) 13-3 CONTROL COMMUNICATION (ENCRYPTED) RESPONSE OF ENCRYPTED COMMUNICATION 13-4 ESTABLISHMENT OF COMMUNICATION LINE Setup (Home) 13-1 13-5 PIN 2 13-6 ACCESS FACILITY USER TERMINAL ENCRYPTED PROGRAM ACCESS CARD INPUT OF PIN 2 C_{ard}

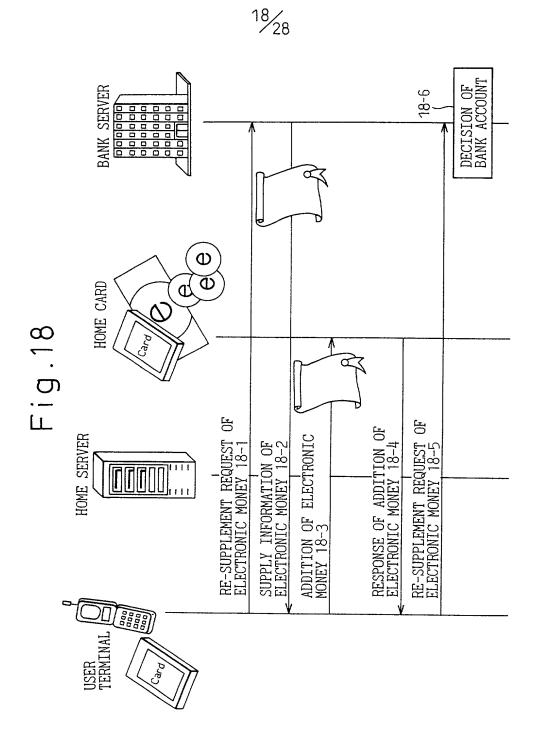
HOME CARD PIN AUTHENTICATION 7-71 ENCRYPTED INFORMATION START OF PROXY FACILITY FOR CHANGE OF COMMON KEY 14-5 START OF CONTROL COMMUNICATION 14-2 HOME SERVER 9-71-ENCRYPTED COMMUNICATION FACILITY PROXY PROGRAM (ON CHECK) Fig.14 CONTROL COMMUNICATION (ENCRYPTION) PIN 2 14-3 14-1 ACCESS FACILITY J USER TERMINAL ACCESS CARD Card/

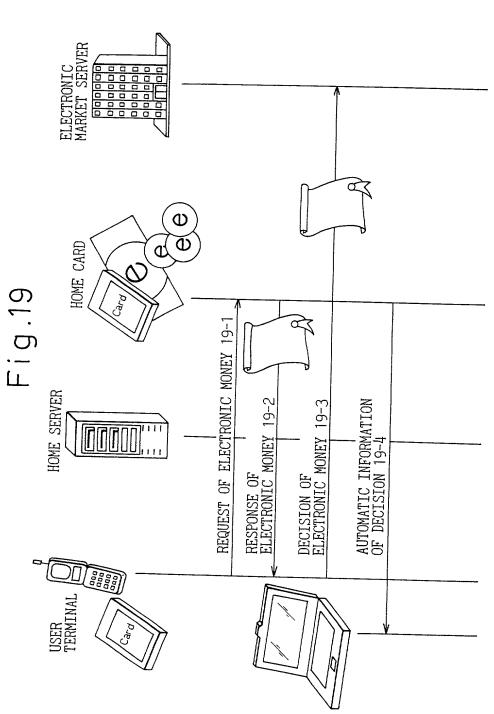


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ELECTRONIC MARKET "B" EXCHANGE OF COMMON KEY COMMON KEY "A" "B" ENCRYPTED SESSION MANAGING UNIT HOME SERVER COMMON KEY "B" COMMON KEY ENCRYPTED COMMUNICATION FACILITY Fig.16 #1 #2 PROXY PROGRAM ENCRYPTED COMMUNICATION 16-3 https: ELECTRONIC MARKET "B" https: ELECTRONIC MARKET "A" ENCRYPTED COMMUNICATION COMMON KEY "A" 16-2 COMMON KEY "B" 16-1 ACCESS FACILITY USER TERMINAL ACCESS CARD







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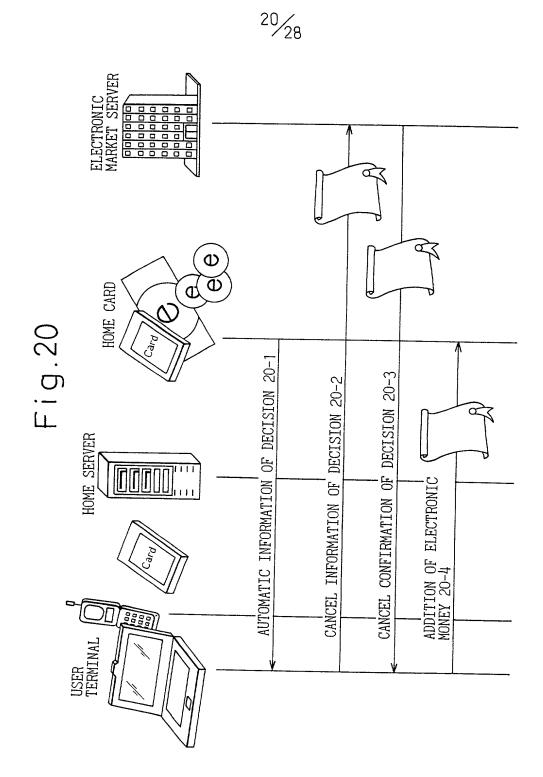
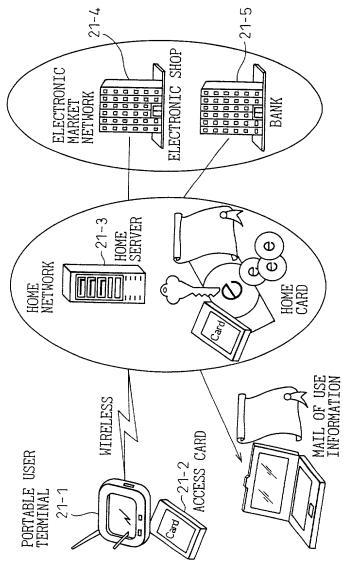


Fig.21



F.G 22

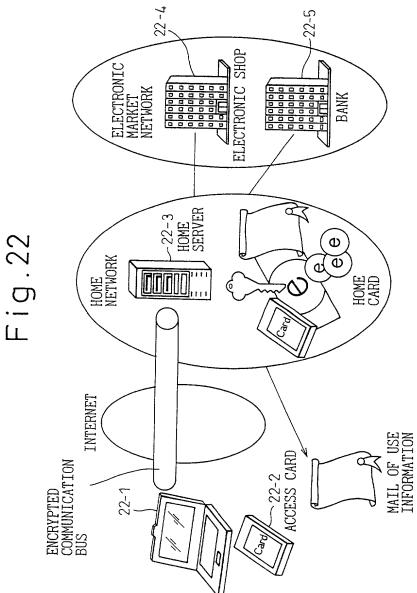
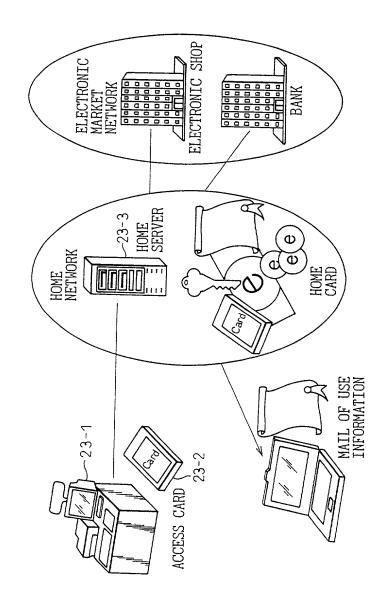
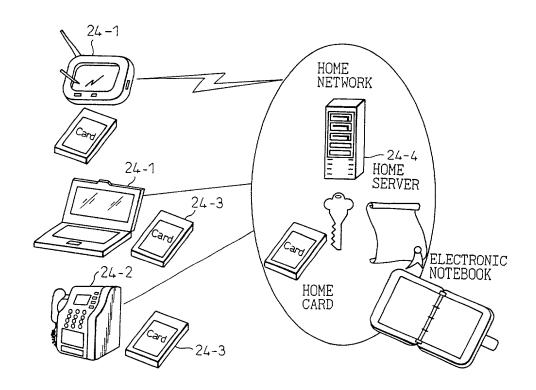


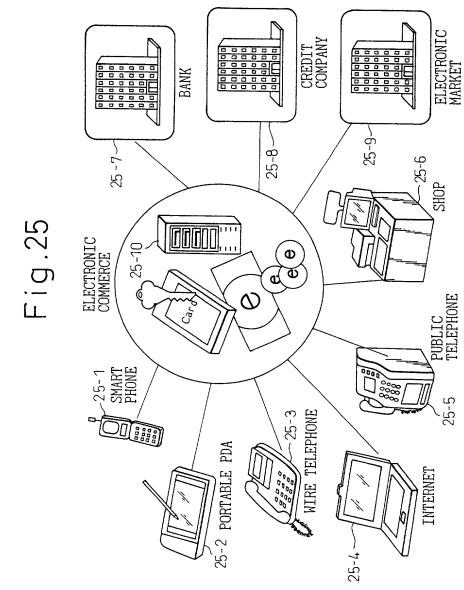
Fig.23



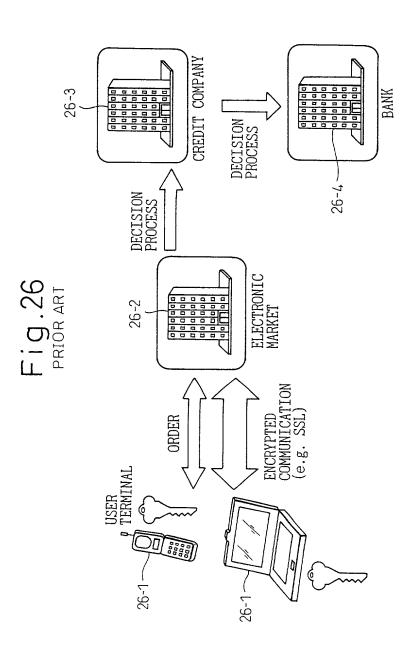
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Fig. 24





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